

### Report Information

Award Type	Award Number	Prime DUNS	Calendar Year / Quarter	Final Report
Grant	DE-77-0001-00	809856008	2010 / 1	No

### Award Recipient Information

Recipient DUNS Number	809856008	Recipient Address 1	800 BAY RD
Recipient Account Number		Recipient Address 2	
Recipient Congressional District	00	Recipient City	DOVER
		Recipient State	DE
Parent DUNS Number	042258020	Recipient ZIP Code + 4	199014667
Recipient Type	2F.VW	Recipient Country	USA
Recipient Legal Name	TRANSPORTATION, DELAWARE DEPARTMENT OF		
Recipient DBA Name	DELDOT		

### Project / Award Information

Funding Agency Code	6955	Total Number of Sub Awards less than \$25,000/award	0
Awarding Agency Code	6955		
Program Source (TAS) Code	69-1101	Total Amount Sub Awards less than \$25,000/award	0.00
Sub Account Number for Program Source		Total Number of Sub Awards to Individuals	0
CFDA Number	20.523	Total Amount of Sub Awards to Individuals	0.00
Amount of Award	1500000.00		
Award Date	03/15/2010	Total Number of Payments to Vendors less than \$25,000/award	0
Award Description	The project focuses on retrofitting Delaware Transit Corporation facilities with solar panels, which generate costs savings through fossil fuel energy reductions. The solar panels are comprised of photovoltaic cells, comprised of ultra-thin layers of silicone. When sunlight strikes the surface of the cell, an electrical field is created resulting in a flow of electricity. Once installed, solar energy is captured by the photovoltaic modules, then converted from direct current (DC) power to alternating current (AC) power, and finally used to power lighting, computers, air conditioning, and other electric loads in the building. The environmental benefits of integrating solar energy within the facilities are: Annual reduction of approximately		
		Total Amount of Payments to Vendors less than \$25,000/award	0.00

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367,000 pounds in carbon dioxide (CO2); The annual equivalent of removing approximately 31 automobiles from our highways; The annual equivalent of 1,236 acres of trees. The investment in solar energy will return dividends based on the reduction in annual building usage of kilowatt hours of purchased electricity. The return on investment of the reduction in energy consumption will be approximately \$91,222 per year with a full payback on the system in 15 years.

### Project Information

Project Name or Project/ Program Title	Solar Panel Installations	Activity Codes (NAICS or NTEE-NPC) (up to 10)
<b>Quarterly Activities/ Project Description</b>	The grant focuses on retrofitting Delaware Transit Corporation facilities with solar panels, which generate costs savings through fossil fuel energy reductions. The environmental benefits of integrating solar energy within the facilities are annual reduction of approximately 367,000 pounds in carbon dioxide (CO2). The investment in solar energy will return dividends based on the reduction in annual building usage of kilowatt hours of purchased electricity.	<b>Activity Code 1</b> 485113 <b>Activity Code 2</b> <b>Activity Code 3</b> <b>Activity Code 4</b> <b>Activity Code 5</b> <b>Activity Code 6</b> <b>Activity Code 7</b> <b>Activity Code 8</b> <b>Activity Code 9</b> <b>Activity Code 10</b>
<b>Project Status</b>	Not Started	
<b>Total Federal Amount ARRA Funds Received/ Invoiced</b>	0.00	
<b>Number of Jobs</b>	0.00	
<b>Description of Jobs Created</b>	This grant is anticipated to fund jobs to produce the solar panels, and to install the solar panels on the buildings. Indirect jobs are anticipated in providing transportation for the solar panels from production to the site of installation.	
<b>Total Federal Amount of ARRA Expenditure</b>	0.00	

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**Total Federal ARRA** 0.00  
**Infrastructure Expenditure**

**Infrastructure Purpose and Rationale** The grant focuses on retrofitting Delaware Transit Corporation facilities with solar panels, which generate costs savings through fossil fuel energy reductions. This grant will allow the agency to reduce annual building usage of kilowatt hours of purchased electricity. As such, this grant will invest in transportation, environmental protection, and other infrastructure that will provide long-term economic benefits.

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### Infrastructure Contact

<b>Name</b> Brett Taylor, Director, Public Relations	<b>Street Address 1</b> 800 Bay Road
<b>Email</b> dotpr@state.de.us	<b>Street Address 2</b>
<b>Phone</b> (302) 760-2080	<b>Street Address 3</b>
<b>Ext</b>	<b>City</b> Dover
	<b>State</b> DE
	<b>ZIP Code + 4</b> 19901 - 4667

### Primary Place of Performance

<b>Address 1</b> 800 Bay Road
<b>Address 2</b>
<b>City</b> Dover
<b>Country Code</b> US
<b>State</b> DE
<b>ZIP Code + 4</b> 19901 - 4667
<b>Congressional District</b> 00

### Recipient Highly Compensated Officers

<b>Prime Recipient Indication of Reporting Applicability</b> No	<b>Officer 3 Name</b>
<b>Officer 1 Name</b>	<b>Officer 3 Compensation</b>
<b>Officer 1 Compensation</b>	<b>Officer 4 Name</b>
<b>Officer 2 Name</b>	<b>Officer 4 Compensation</b>
<b>Officer 2 Compensation</b>	<b>Officer 5 Name</b>
	<b>Officer 5 Compensation</b>

### Report Audit Trail

<b>Created By</b> James Hoagland
<b>Date Created</b> 04/12/2010 10:46 AM
<b>Last Updated By</b> James Hoagland
<b>Last Updated On</b> 04/12/2010 10:46 AM